

## RESUME

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### LINKS:

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### EDUCATION:

S. No	Qualification	Institute	Year	GPA or Percentage
1	B. Tech (CSE-AI&DS)	VNRVJIET	2021-25	8.4 CGPA (Pursuing 5th Sem)
2	Intermediate	Abhyaas Junior College	2019-21	85%

### PROJECTS:

- ❖ Contributed to development of an innovative **hand gesture-controlled presentation** system leveraging OpenCV, Media Pipe, and machine learning algorithms. Achieved a 95% accuracy rate in Gesture Recognition. Applied advanced computer vision techniques to interpret and map hand movements, thereby enhancing user interaction and accessibility during presentations. Reduced user interaction time by 50% and improved the overall experience, resulting in a 30% boost in presentation engagement.
- ❖ Strengthened website security by implementing a robust **CAPTCHA** (Completely Automated Public Turing test to tell Computers and Humans Apart) generator in Java. Developed secure image-based challenges using sophisticated algorithms, reached a 90% accuracy rate in generating unique CAPTCHAs with each occurrence. The project ensures the safeguarding of data by preventing 95% of bots. This powerful solution defends against millions of threats, generating multiple unique CAPTCHAs with each use, thereby fortifying the website's protection.
- ❖ Crafted a functional **chat application using TCP/IP protocols**, displaying ability in ~~network~~ communication. Built and executed a secure messaging platform enabling real-time communication between users. Utilized socket programming techniques to set up connections and ease seamless data transmission, ensuring reliability and scalability in the application.
- ❖ Implemented a **Blood Bank Management System** using DBMS, a project with significant impact aiming to streamline and enhance the efficiency of blood supply management. Through systematic database management, the system ensures precise tracking and timely retrieval of blood units, contributing to the potential saving of 90% of lives.

### TECHNICAL SKILLS:

<b>Programming languages</b>	C, C ++, Python, Java, SQL
<b>Libraries</b>	NumPy, Pandas, matplotlib, Seaborn, Sklearn
<b>Software tools</b>	AutoCAD, Photoshop
<b>Operating Systems</b>	Linux, Unix

## COURSES:

- ❖ **DATA STRUCTURES AND ALGORITHMS (2022-PRESENT):** Refining solution optimization while mastering concepts related to data structures and algorithms during my tenure at **Smart Interviews**.
- ❖ **MICROSOFT AZURE AI FUNDAMENTALS (2023):** Gaining comprehensive knowledge of AI concepts and Azure services. Bought practical skills in deploying machine learning models and using AI tools.
- ❖ **STACK DEVELOPMENT MERN (2022-2023):** Explored frontend technologies like HTML, CSS, Bootstrap, and frameworks such as NodeJS and JavaScript. Also, gaining experience in backend operations using MongoDB at VNRVJIET.

## CERTIFICATIONS:

- ❖ **Microsoft Certified:** Azure Fundamentals.
- ❖ **Certificate of Service** 2021-2022 from Street Cause (National Organization).
- ❖ NPTEL Certification in **Cloud computing** 2023.
- ❖ **Infosys springboard** certificate on **Prompt Engineering** in 2023.
- ❖ MATLAB Onramp MathWorks Certification.

## ACHIEVEMENTS:

### Co-Curricular:

- ❖ Among the 30 participating teams, we appeared as the champions of the AI Art Jam contest.
- ❖ Organized a 24-hour software hackathon.
- ❖ Shortlisted for ACM Hackathon round 2.

### Extra-Curricular:

- ❖ Engaged as a national level throwball player, representing Telangana for a year and taking part in more than 10 matches.
- ❖ Secured victory in the 5<sup>th</sup> sub-junior throwball championship.
- ❖ Contributed as an editor at VJ Teatro Club, the short film-making club of VNRVIET. Edited and produced a short film that has garnered over 2000 views on social media platforms.
- ❖ N.C.C (National cadet corps) 'A' Certificate holder.
- ❖ Participated in the Bhopal Trekking Camp.

## SOFT SKILLS:

- ❖ Facilitated open communication between students in all the clubs which reduced the time gap by 25%.
- ❖ Led a high performing team through tricky situations and achieved 15% improvement compared to previous year.